L Number	Hits	Search Text	DB	Time stamp
1	0	("64069991").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:35
2	2	("6406991").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 14:36
3	20243	(oxygen or "o.sub.2") near3 plasma	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:41
4	3408	438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:48
5	357	((oxygen or "o.sub.2") near3 plasma) and (438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:47
6	4364	(fluorine f-containing (f adj containing)) near4 plasma	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:48
7	23218	((oxygen or "o.sub.2") near3 plasma) or ((fluorine f-containing (f adj containing)) near4 plasma)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:48
8	1389	((oxygen or "o.sub.2") near3 plasma) and ((fluorine f-containing (f adj containing)) near4 plasma)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:48
9	96	(438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.) and (((oxygen or "o.sub.2") near3 plasma) and ((fluorine f-containing (f adj containing)) near4 plasma))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:55
10	0	(("64069991").PN.) and wiring and laminated	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:50
11	2	(("6406991").PN.) and wiring and laminated	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:50
12	2	(("6406991").PN.) and wiring and laminated	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:50

13	750268	bump or ball or solder	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:55
14	56	(bump or ball or solder) and (((oxygen or "o.sub.2") near3 plasma) and (438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:55
15	9	(bump or ball or solder) and ((438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.) and (((oxygen or "o.sub.2") near3 plasma) and ((fluorine f-containing (f adj containing)) near4 plasma)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:55
16	56	((bump or ball or solder) and (((oxygen or "o.sub.2") near3 plasma) and (438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.))) or ((bump or ball or solder) and ((438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.) and (((oxygen or "o.sub.2") near3 plasma) and ((fluorine f-containing (f adj containing)) near4 plasma))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:58
17	422702	rough$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 13:58
18	14	(((bump or ball or solder) and (((oxygen or "o.sub.2") near3 plasma) and (438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.))) or ((bump or ball or solder) and ((438/115,613,963,964.ccls. or 134/1.2,1.3.ccls. or 510/175.ccls. or 228/203,205,206.ccls.) and (((oxygen or "o.sub.2") near3 plasma) and ((fluorine f-containing (f adj containing)) near4 plasma))))) and rough$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 14:02
19	2	("6475896").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 14:33
20	15	("4917466" | "4948754" | "5010389" | "5171711" | "5180691" | "5498572" | "5614765" | "5641113" | "5659952" | "5678287" | "5744382" | "5773359" | "5834844" | "5960308" | "5989939").PN.	USPAT	2003/07/16 14:25
21	0	(("4917466" | "4948754" | "5010389" | "5171711" | "5180691" | "5498572" | "5614765" | "5641113" | "5659952" | "5678287" | "5744382" | "5773359" | "5834844" | "5960308" | "5989939").PN.) and ((oxygen or "o.sub.2") near3 plasma)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 14:34
22	0	6475896.URPN.	USPAT	2003/07/16 14:34
23	2	6306750.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 14:35
24	2	("5985765" | "6043144").PN.	USPAT	2003/07/16 14:35
25	1	(("5985765" | "6043144").PN.) and ((oxygen or "o.sub.2") near3 plasma)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 14:35
26	7	("5681780" | "5762813" | "5770523" | "5798303" | "5858878" | "5925577" | "6232219").PN.	USPAT	2003/07/16 14:36
27	6	((oxygen or "o.sub.2") near3 plasma) and (("5681780" | "5762813" | "5770523" | "5798303" | "5858878" | "5925577" | "6232219").PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 15:11

28	4	(("6306750") or ("6475896")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 15:11

L Number	Hits	Search Text	DB	Time stamp
1	14446	delaminat$4 and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:03
2	920307	chip or die	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:04
3	742640	(inert adj gas) or nitrogen or "n.sub.2"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:04
4	1290	(delaminat$4 and adhesive) and (chip or die) and ((inert adj gas) or nitrogen or "n.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:04
5	237622	156/$.ccls. or 438/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:05
6	213	((delaminat$4 and adhesive) and (chip or die) and ((inert adj gas) or nitrogen or "n.sub.2")) and (156/$.ccls. or 438/$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:10
7	3146105	((inert adj gas) or nitrogen or "n.sub.2") p (delaminat$4 and adhesive)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:11
8	20	delaminat$4 near3 ((inert adj gas) or nitrogen or "n.sub.2")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:14
9	3335	pick adj place	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:14
10	1496	(pick adj place) and (chip or die)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:14
11	162	((inert adj gas) or nitrogen or "n.sub.2") and ((pick adj place) and (chip or die))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:21
12	12	(("6531872") or ("6083811") or ("5447266") or ("5169196") or ("4859269") or ("5589029")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:37

13	1433	156/344.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:23
14	117	((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 17:07
15	24	(chip or die) and (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:29
16	1434	156/247.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:29
17	18	156/247.ccls. and ((inert adj gas) or nitrogen or "n.sub.2") and (chip or die)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:32
18	9	4059467.URPN.	USPAT	2003/07/16 16:31
19	2	((inert adj gas) or nitrogen or "n.sub.2") and 4059467.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:32
20	0	((inert adj gas) or nitrogen or "n.sub.2") and ((("6531872") or ("6083811") or ("5447266") or ("5169196") or ("4859269") or ("5589029")).PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:33
21	2095058	blow$4 or project$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:33
22	14509	((inert adj gas) or nitrogen or "n.sub.2") near3 (blow$4 or project$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:34
23	12	(("5351872") or ("6083811") or ("5447266") or ("5169196") or ("4859269") or ("5589029")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:41
24	142	271/97.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:42
25	7	271/97.ccls. and (chip or die)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:42

26	7	271/97.ccls. and semiconduct$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:45
27	6	(271/97.ccls. and (chip or die)) not (271/97.ccls. and semiconduct$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:48
28	2	("4990051").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 16:54
29	5	("3720309" | "3973682" | "4494902" | "4703965" | "4797994").PN.	USPAT	2003/07/16 16:51
30	0	((inert adj gas) or nitrogen or "n.sub.2") and (("3720309" | "3973682" | "4494902" | "4703965" | "4797994").PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 17:05
31	93	(((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.) not ((chip or die) and (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 17:24
32	3	("5354378" | "5871559" | "6092394").PN.	USPAT	2003/07/16 17:17
33	0	6244323.URPN.	USPAT	2003/07/16 17:18
34	4	5110393.URPN.	USPAT	2003/07/16 17:24
35	0	((inert adj gas) or nitrogen or "n.sub.2") and 5110393.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 17:30
36	4	5070603.URPN.	USPAT	2003/07/16 17:25
37	1080	156/584.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 17:30
38	1014	156/584.ccls. not ((delaminat$4 near3 ((inert adj gas) or nitrogen or "n.sub.2")) ((("6531872") or ("6083811") or ("5447266") or ("5169196") or ("4859269") or ("5589029")).PN.) (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.) ((chip or die) and (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.)) (156/247.ccls. and ((inert adj gas) or nitrogen or "n.sub.2") and (chip or die)) 4059467.URPN. (((inert adj gas) or nitrogen or "n.sub.2") and 4059467.URPN.) ((("5351872") or ("6083811") or ("5447266") or ("5169196") or ("4859269") or ("5589029")).PN.) (271/97.ccls. and (chip or die)) (271/97.ccls. and semiconduct$4) (("4990051").PN.) (("3720309" | "3973682" | "4494902" | "4703965" | "4797994").PN.) ((((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.) not ((chip or die) and (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.))) (("5354378" | "5871559" | "6092394").PN.) 5110393.URPN. 5070603.URPN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/16 17:31

| 39 | 13 | (156/584.ccls. not ((delaminat$4 near3 ((inert adj gas) or nitrogen or "n.sub.2")) ((("6531872") or ("6083811") or ("5447266") or ("5169196") or ("4859269") or ("5589029")).PN.) (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.) ((chip or die) and (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.)) (156/247.ccls. and ((inert adj gas) or nitrogen or "n.sub.2") and (chip or die)) 4059467.URPN. (((inert adj gas) or nitrogen or "n.sub.2") and 4059467.URPN.) ((("5351872") or ("6083811") or ("5447266") or ("5169196") or ("4859269") or ("5589029")).PN.) (271/97.ccls. and (chip or die)) (271/97.ccls. and semiconduct$4) (("4990051").PN.) (("3720309" | "3973682" | "4494902" | "4703965" | "4797994").PN.) ((((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.) not ((chip or die) and (((inert adj gas) or nitrogen or "n.sub.2") and 156/344.ccls.))) (("5354378" | "5871559" | "6092394").PN.) 5110393.URPN. 5070603.URPN.)) and ((inert adj gas) or nitrogen or "n.sub.2") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/07/16 17:31 |